

## TITLE OF INVENTION

### **Power Hook - Force Flies and Lures**

G.W. Palmway-Riley citizen of the United States of America  
64 Spurwood Rd  
PMB 24  
COW BAY, Australia 4873

## CROSS-REFERENCE TO RELATED APPLICATIONS

Provisional application; Australia No. PQ5745 filed 22 February 2000

STATEMENT REGARDING FEDERALLY SPONSORED "Not Applicable"

REFERENCE TO A MICROFICHE APPENDIX

"Not Applicable"

## BACKGROUND OF THE INVENTION

This invention relates to improving the traditional fish hook to make the said fish hook attractive to fish through the generation of an enhanced electromagnetic field and to a lure body of similar construction.

This invention improves upon the traditional inanimate fish hook and simplifies the complex apparatus of traditional electromagnetic generating fishing lures such as described in the patent US5175950.

## SUMMARY OF THE INVENTION

The invention consists of, in one embodiment, a conductive fish hook with a conductive winding which is both insulated from the said fish hook, and exposed to the water.

The invention consists of, in another embodiment, a fishing lure of similar characteristics.

Impure water (such as sea water) acts as an electrolyte to generate differential charges in the two dissimilar conductors (i.e. the fish hook and the winding). The two conductors generate an electromagnetic field which can be attractive to fish.

The power hook improvement can apply to all variety of conductive fish hooks, insulating layers, and conductive windings to be applied as appropriate, such as, but not limited to, multiple hooks on lures, single hooks for 'force' flies and dead baits, or to give live bait extra appeal.

## BRIEF DESCRIPTION OF THE DRAWING

FIG.1 is a perspective view of one example of a fish hook embodying the invention.

## DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG.1, it can be seen that the improved fish hook according to this invention comprises a metallic and/or conductive fishing hook (1), an insulating layer (2), and a conductive winding (3). The hook becomes further powered when immersed in impure water.

It will be realized that the improvements according to this invention are not restricted to the simplified example as shown in FIG.1. This simplified example can be adapted to a variety of materials and mode of manufacture to suit angling style or desired field generation, such as , but not limited to, the hook's (1) composition or inherent magnetism, the insulation layer's (2) design or dimension as to affect flotation or permeability, or the conductive winding's (3) modification to vary weight or the type or intensity of field generated, as in multiple windings or rotating coils to generate complex fields.

In another embodiment of the invention the invention is a fishing lure wherein the fish hook (1) can be substituted with a conductive core with means to attach a fish hook of preferred selection.